

Mining Plan Map
Christopher J. Construction, LLC.
Martville Mine
Cayuga County, Town of Sterling
Fair Haven U.S.G.S. Topo. Quad.

Prepared by Thomas Giles, Geologist
July 28, 2015

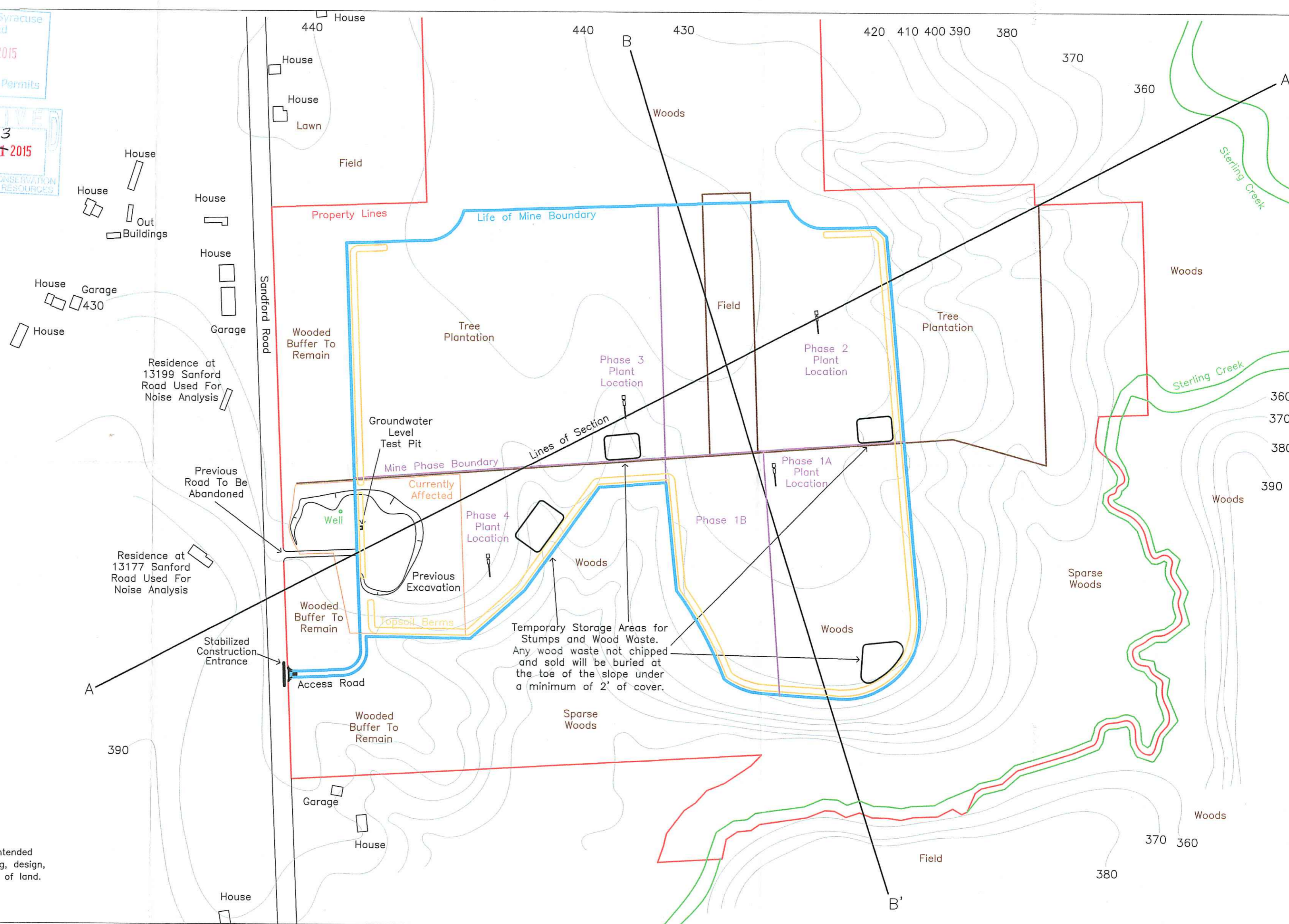
Approximate Acreages
Area of Property - 82.1 Acres
Life of Mine Area - 35.5 Acres
Phase 1A Area - 5.5 Acres
Phase 1B Area - 3.4 Acres
Phase 2 Area - 8.8 Acres
Phase 3 Area - 12.3 Acres
Phase 4 Area - 5.5 Acres

LEGEND

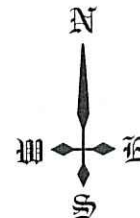
- Topographic Contour
- 460 Topographic Elevation
- Vegetation Feature
- Water Feature
- Life of Mine
- Mining Phases
- Currently Affected
- Topsoil Berms

Contour Interval 10 feet
Datum Sea Level
0 50 200 400
Scale in Feet

This map is not intended
for use in engineering, design,
or the conveyancing of land.



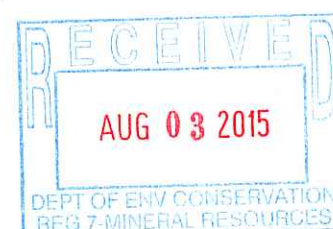
Thomas Giles
GEOLOGIST



Stormwater Control Plan Interim Condition

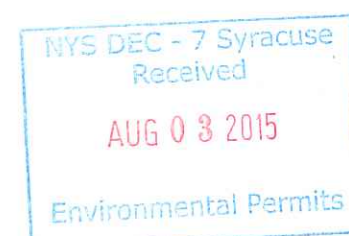
Christopher J. Construction, LLC.
Martville Mine
Cayuga County, Town of Sterling
Fair Haven U.S.G.S. Topo. Quad.

Prepared by Thomas Giles, Geologist
July 28, 2015



Approximate Acreages

Area of Property - 82.1 Acres
Life of Mine Area - 35.5 Acres
Offsite Catchment - 4.4 Acres



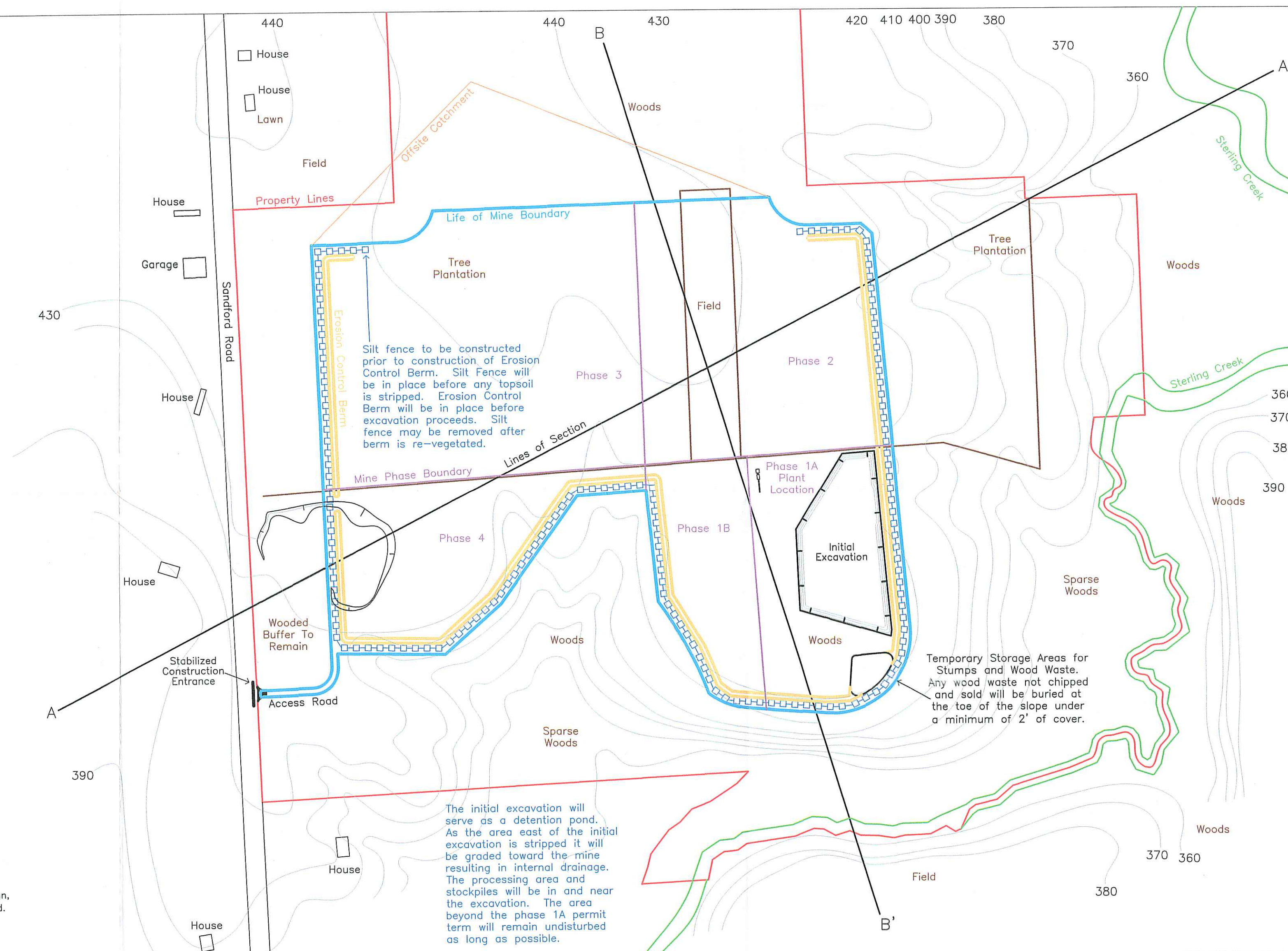
LEGEND

- Topographic Contour
- 460 Topographic Elevation
- Vegetation Feature
- Water Feature
- Life of Mine
- Mining Phases
- Silt Fence
- Erosion Control Berm

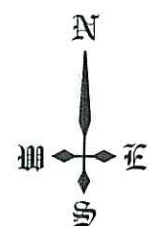
Contour Interval 10 feet
Datum Sea Level

Scale in Feet

This map is not intended
for use in engineering, design,
or the conveyancing of land.



Thomas Giles
GEOLOGIST



Final Condition

Christopher J. Construction, LLC.
Martville Mine
Cayuga County, Town of Sterling
Fair Haven U.S.G.S. Topo. Quad.

Prepared by Thomas Giles, Geologist
July 28, 2015



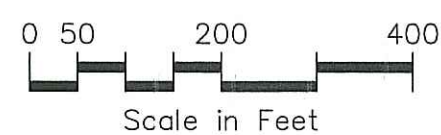
Approximate Acreages
Area of Property - 82.1 Acres
Life of Mine Area - 35.5 Acres



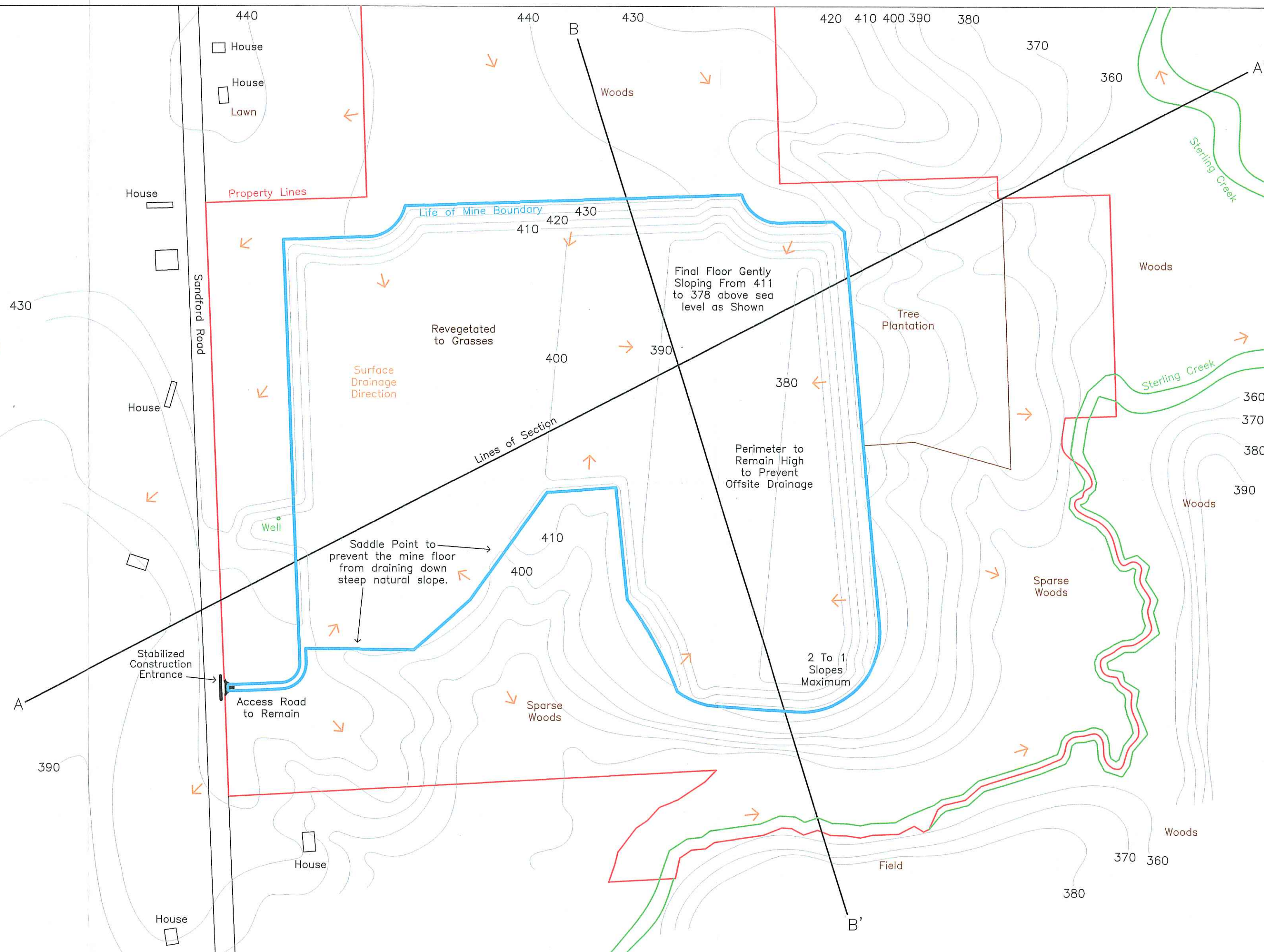
LEGEND

- Topographic Contour
- 460 Topographic Elevation
- Vegetation Feature
- Water Feature
- Life of Mine
- Surface Drainage

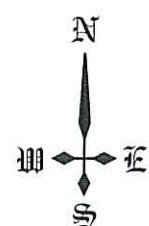
Contour Interval 10 feet
Datum Sea Level



This map is not intended
for use in engineering, design,
or the conveyancing of land.



Thomas Giles
GEOLOGIST

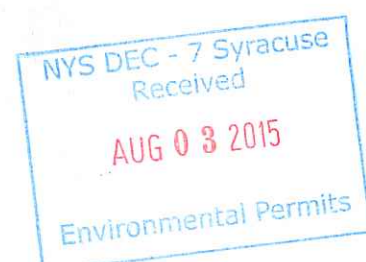


Reclamation Plan Map
Christopher J. Construction, LLC.
Martville Mine
Cayuga County, Town of Sterling
Fair Haven U.S.G.S. Topo. Quad.
Prepared by Thomas Giles, Geologist
July 28, 2015



Approximate Acreages
Area of Property - 82.1 Acres
Life of Mine Area - 35.5 Acres

LEGEND
Topographic Contour
460 Topographic Elevation
Vegetation Feature
Water Feature
Life of Mine
Surface Drainage



Contour Interval 10 feet
Datum Sea Level
Scale in Feet

This map is not intended
for use in engineering, design,
or the conveyancing of land.

